



U.S. ARMY CHEMICAL  
MATERIALS AGENCY

# FACT SHEET

WWW.CMA.ARMY.MIL

## Pine Bluff Chemical Activity

### Chemical Agents and Munitions

*Disposed of at PBCDF*

#### Agents

Agent	Created	Appearance	Rate of Action	Physical Effect
<b>GB (sarin)</b>	Nerve agent created in 1938 by Germans doing pesticide research	Clear to straw-colored liquid that spreads as vapor or droplets	Very rapid; seconds to minutes	Inhibits the enzyme acetylcholinesterase, causing muscle groups to contract uncontrollably
<b>VX</b>	Nerve agent created in 1950s in Britain; more potent than sarin	Oily liquid that evaporates more slowly than GB	Very rapid; seconds to minutes	Inhibits the enzyme acetylcholinesterase, causing muscle groups to contract uncontrollably
<b>HT/HD (mustard)</b>	Blister agent created in 1822 by Belgian scientist	Consistency similar to motor oil; smells of mustard or garlic	Delayed; hours	Blisters skin, eyes, lungs; can be fatal if inhaled



For more information,  
contact the  
**Outreach Office  
for Chemical Disposal**  
Woodlands East  
7197 Sheridan Road  
Suite 110  
White Hall, AR 71602  
Phone: (870) 247-2025  
Phone: (870) 534-4901  
Fax: (870) 247-2335

or contact the  
**Public Affairs Office**  
(870) 540-2047

or the  
**CMA Public Affairs Office**  
(800) 488-0648

#### Munitions



##### **M55 rocket**

**Agent weight:** 10 lbs.

**Contents:** GB Nerve Agent or  
VX Nerve Agent



##### **M23 land mine**

**Agent weight:** 10 lbs.

**Contents:** VX Nerve Agent



##### **Ton/bulk container**

**Agent weight:** 1,500-1,700 lbs.

**Contents:** Blister Agent